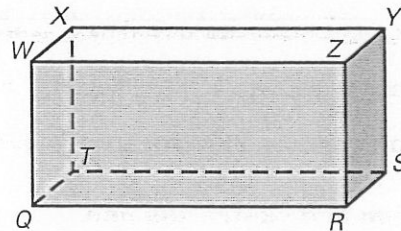


LESSON 3.1 Practice A

For use with the lesson "Identify Pairs of Lines and Angles"

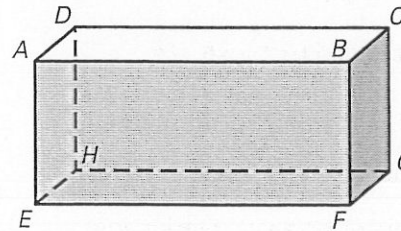
Think of each segment in the diagram as part of a line. Complete the statement with *parallel*, *skew*, or *perpendicular*.

- \overleftrightarrow{WZ} and \overleftrightarrow{XY} are ?.
- \overleftrightarrow{WZ} and \overleftrightarrow{QW} are ?.
- \overleftrightarrow{SY} and \overleftrightarrow{WX} are ?.
- Plane WQR and plane SYT are ?.
- Plane RQT and plane WQR are ?.



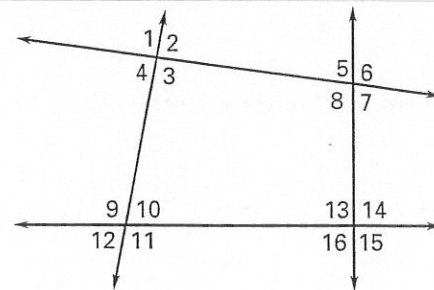
Think of each segment in the diagram as part of a line. Which line(s) or plane(s) appear to fit the description?

- Line(s) parallel to \overleftrightarrow{AB}
- Line(s) perpendicular to \overleftrightarrow{BF}
- Line(s) skew to \overleftrightarrow{CD} and containing point E
- Plane(s) perpendicular to plane ABE
- Plane(s) parallel to plane ABC



Classify the angle pair as *corresponding*, *alternate interior*, *alternate exterior*, or *consecutive interior* angles.

- $\angle 3$ and $\angle 9$
- $\angle 5$ and $\angle 13$
- $\angle 4$ and $\angle 10$
- $\angle 5$ and $\angle 15$
- $\angle 7$ and $\angle 14$
- $\angle 1$ and $\angle 11$



In Exercises 17–20, use the markings in the diagram.

- Name a pair of parallel lines.
- Name a pair of perpendicular lines.
- Is $\overleftrightarrow{QS} \parallel \overleftrightarrow{TR}$?
- Is $\overleftrightarrow{VN} \perp \overleftrightarrow{TR}$?

